

# 21HK512D High Brightness 3MP Diagnostic Monitor



## ▶ 21HK512D

21" Class (21.3" Diagonal)

### A DISPLAY OPTIMIZED FOR X-RAY VIEWING

This 21.3-inch 3MP monitor with 1,000 cd/m<sup>2</sup> brightness is the ideal size and resolution for the diagnosis of images from various medical imaging modalities. With built-in calibration, QA and backlight monitoring, the 21HK512D diagnostic monitor provides accuracy and visual confidence.



Images on screen are simulated



## FEATURES

### REMOTE & SELF CALIBRATION

- Built-in front light sensor to perform hands-free calibration and quality control which increases productivity and efficiency by reducing operating cost or manpower.

### STABLE GRAYSCALE IMAGES

- DICOM Part 14 GSDF calibrated so grayscale levels will not be missed during critical diagnosis. Plus, 18-bit LUT (Look Up Table) precision to provide smooth grayscale transitions between LUT values.

### AUTOMATIC BRIGHTNESS STABILIZATION

- Auto Luminance sensor dynamically measures the backlight brightness level and automatically compensates for brightness fluctuations caused by aging for consistent DICOM conformance during the lifetime of the monitor.

### FLEXIBLE, FUNCTIONAL DESIGN

- The Ergonomic Stand with pivot adjustment allows the user to create an optimized diagnostic workspace by tilting monitors inward to provide improved viewing in 2 or 4 display configurations.

## SPECIFICATIONS

Designed Specifically for Medical Diagnostic Reading

DICOM Part 14 GSDF

Resolution 2048 x 1536

Brightness 1000 cd/m<sup>2</sup> (Typ)

Contrast Ratio 1400:1

Response Time 30ms (Typ)

178° x 178° viewing angles

Tilt/Swivel/Height/Pivot Adjustable

VESA Compliant Wall Mountable

TAA Compliant

FDA 510(k) Class II (pending)

3-Year Limited Warranty (SWAP)

# 21HK512D

## High Brightness 3MP Diagnostic Monitor



MODEL NUMBER	<b>21HK512D</b>
Screen Size	21.3"
Panel Type	IPS
Maximum Resolution	2048 x 1536
Color	Black
Aspect Ratio	4:3
Pixel Pitch	0.2115 (H) x 0.2115 (V)
Brightness (Typ)	1000 cd/m <sup>2</sup>
Brightness (DICOM Calibrated)	500 cd/m <sup>2</sup>
Color Gamut (Typ)	NTSC 72%
Color Depth	1.07 B
Color Bit	10bit
Contrast Ratio (Typ)	1400:1
Response Time	30ms
Viewing Angle (H/V)	178° / 178°
Surface Treatment	Anti-Glare
Factory Calibration	Yes
HW Calibration	Yes
DICOM	Yes (< = 10%)
Color Temperature	6500K / 7500K / 9300K
Features	Auto Brightness, Brightness Stabilization, Uniformity Compensation
Sensors	Front, Rear, Presence, Ambient Light
Display Inputs	DVI, Display Port, USB (1 Up, 2 Dn)
Speaker	No
Power Type	Internal Power
AC Input	100-240Vac, 50/60Hz
DC Output	24V, 4.17A
Power Consumption - Typ/Max/Sleep	85W/100W/Less than 6.5W
Stand Position Adjustments	Tilt/Swivel/Height/Pivot
Wall Mountable	100mm x 100mm
Mechanical Power Switch	Yes
Kensington Lock	No
Base Detachable	Yes
OneClick Stand	No
Unit Dimensions w/stand (WxDxH), weight	14.8" x 23.9" x 9.8" / 15.4 lbs
Unit Dimensions w/o stand (WxDxH), weight	14.8" x 18.6" x 3.5" / 21.6 lbs
Shipping Dimensions (WxDxH), weight	19.8" x 27.6" x 13.7" / 28.2 lbs
TAA Compliant	Yes (Korea)
EPEAT® Certification (Bronze, Silver, Gold)	No
Energy Star (EPA)	No
FDA	510(k) (Class II) (pending)
CE MDD	Registration (Class I)
Standards & Certifications	ROHS, REACH, WEEE, IEC (IEC 60601-1/IEC 60601-1-2, EN (EN 60601-1/EN 60601-1-2), FCC Part 15 Class A, cUL (ANSI/AAMI ES 60601-1, CSA CAN/CSA-C22.2 No. 60601-1), ISO 13485
Accessories	Power Cord (Black/10ft), DVI-D (Black/10ft), Display Port (Black/10ft), Manual, LG PerfectLum, Factory Calibration Report
Limited Warranty	3 Years (SWAP)
UPC Code	7 19192 63257 8

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